

Fig. 1

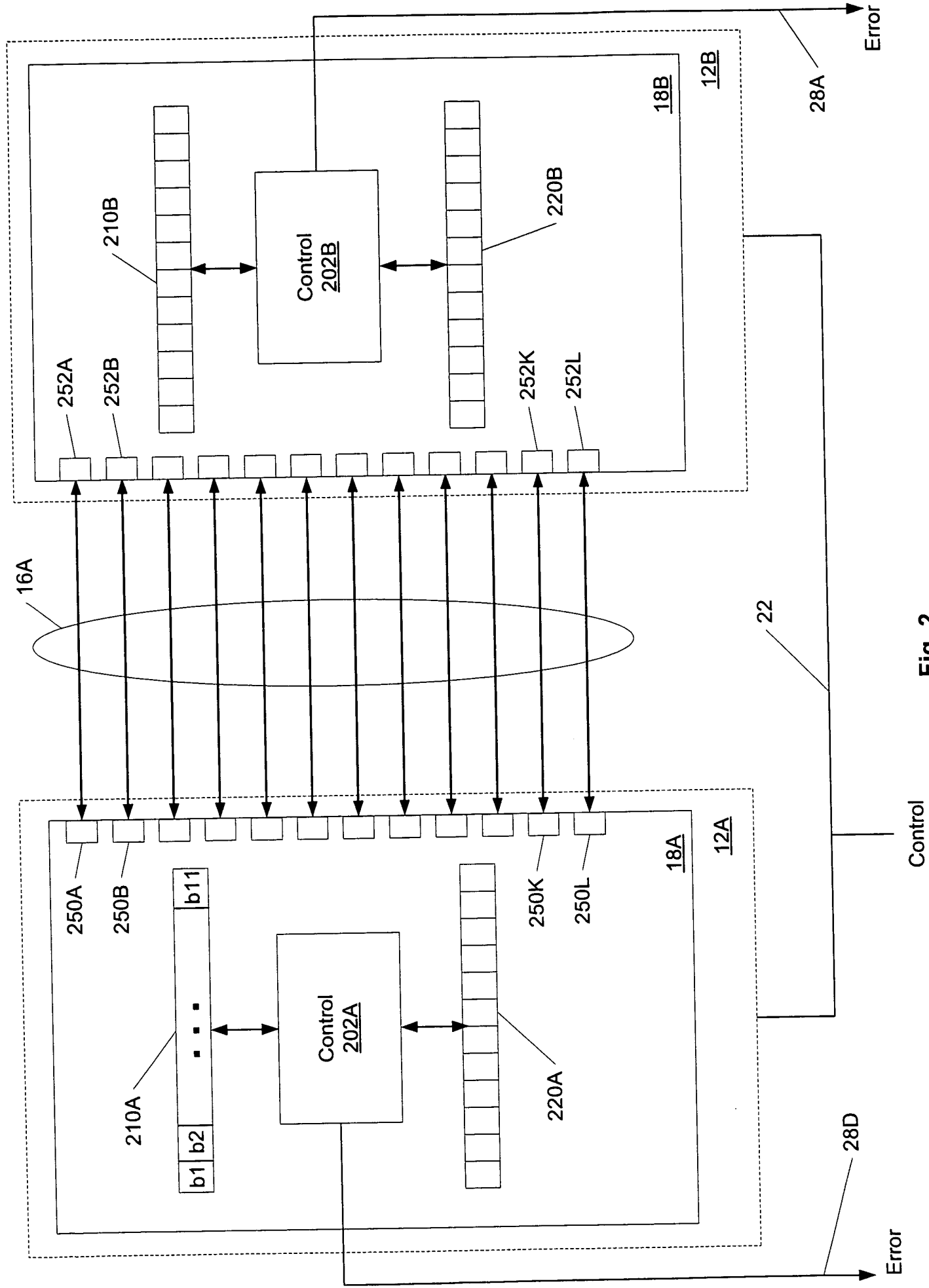


Fig. 2

16 cycle pattern driving sequence.

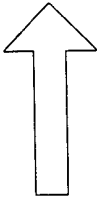
11	21	12	22	21	11	22	12
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302

310

Pattern 1

b0	b1	b2	b3	b4	b5	b6	b7	b8	b9	b10	b11
0	0	0	0	0	0	0	0	0	0	0	0



Pattern 2

b0	b1	b2	b3	b4	b5	b6	b7	b8	b9	b10	b11
1	1	1	1	1	1	1	1	1	1	1	1

320

330

line 0	00	10	01	11	10	00	11	01
line 1	00	10	01	11	10	00	11	01
line 2	00	10	01	11	10	00	11	01
line 3	00	10	01	11	10	00	11	01
line 4	00	10	01	11	10	00	11	01
line 5	00	10	01	11	10	00	11	01
line 6	00	10	01	11	10	00	11	01
line 7	00	10	01	11	10	00	11	01
line 8	00	10	01	11	10	00	11	01
line 9	00	10	01	11	10	00	11	01
line 10	00	10	01	11	10	00	11	01
line 11	00	10	01	11	10	00	11	01

Fig. 3A

16 cycle pattern driving sequence.

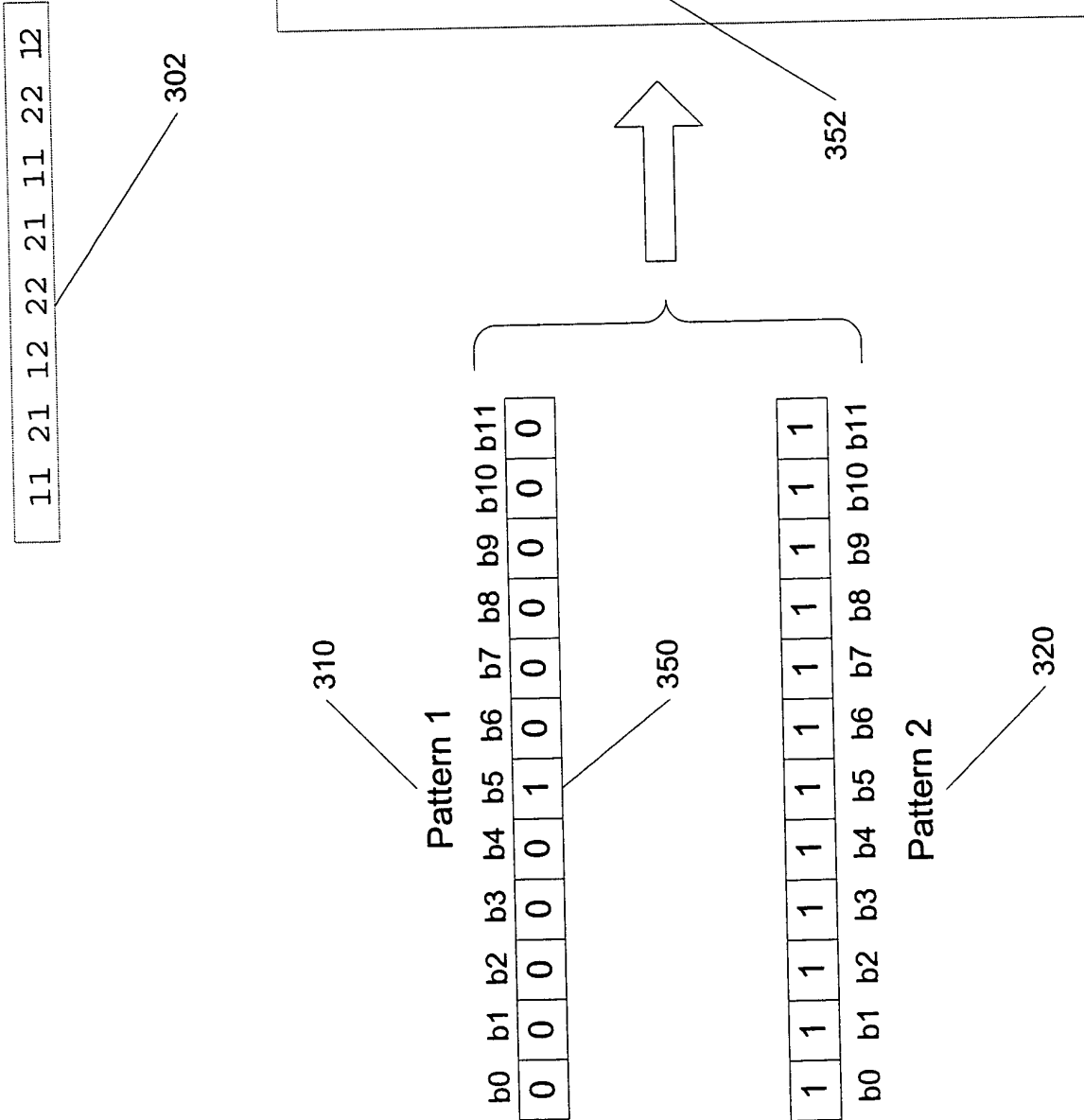


Fig. 3B

16 cycle pattern driving sequence.

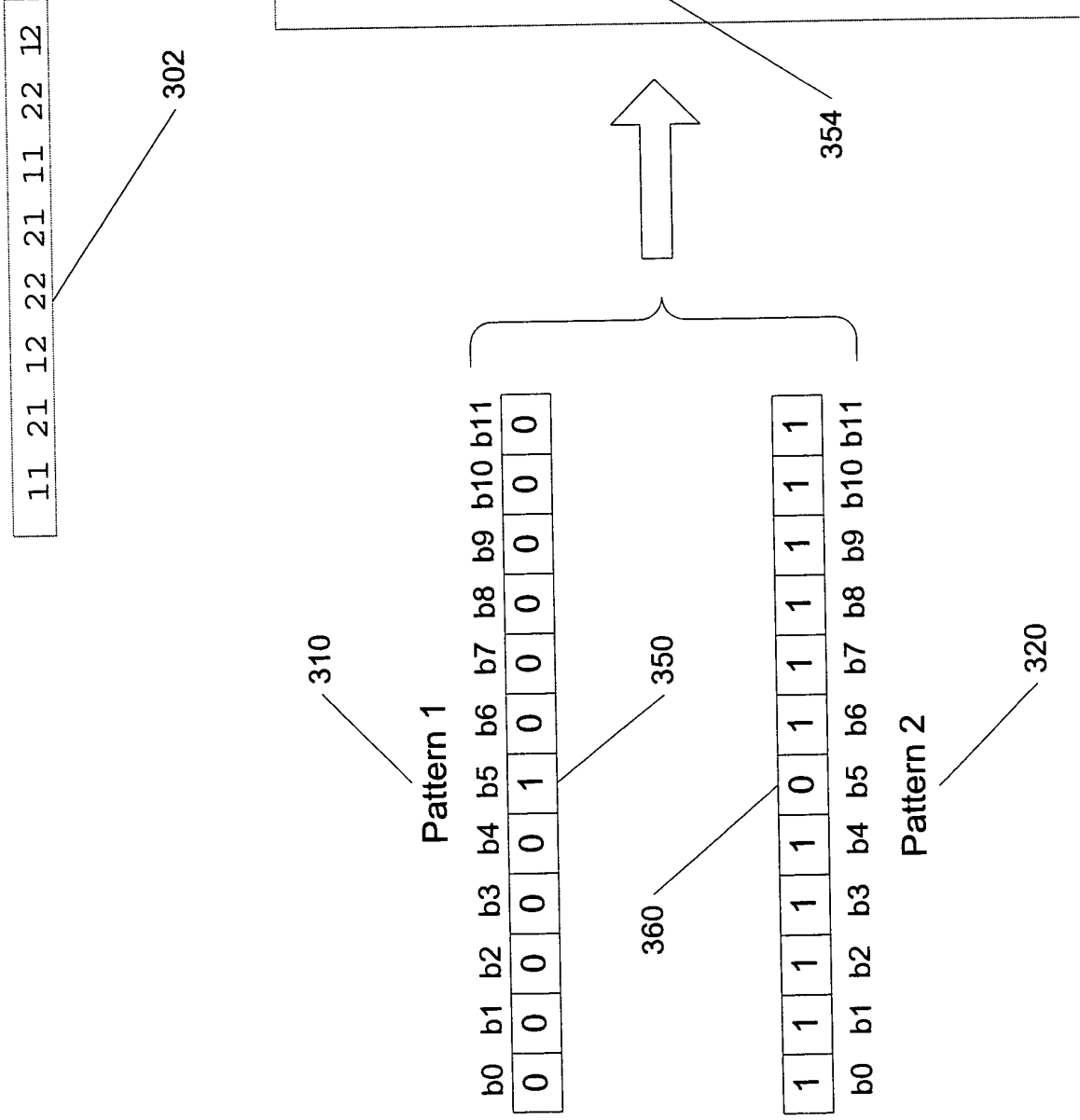


Fig. 3C

Bi-Directional Test

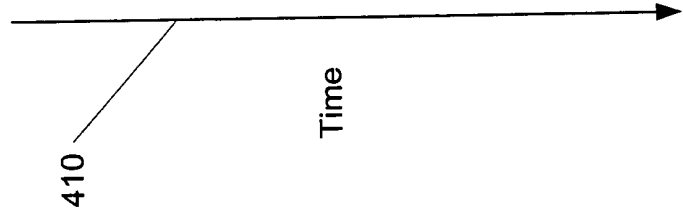
16 cycle pattern driving sequence.

11	21	12	22	21	11	22	12
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302

Pattern Values 404

Driving Entity 402



Component 1	11
Component 2	21
Component 1	12
Component 2	22
Component 1	21
Component 2	11
Component 1	22
Component 2	12

Fig. 4

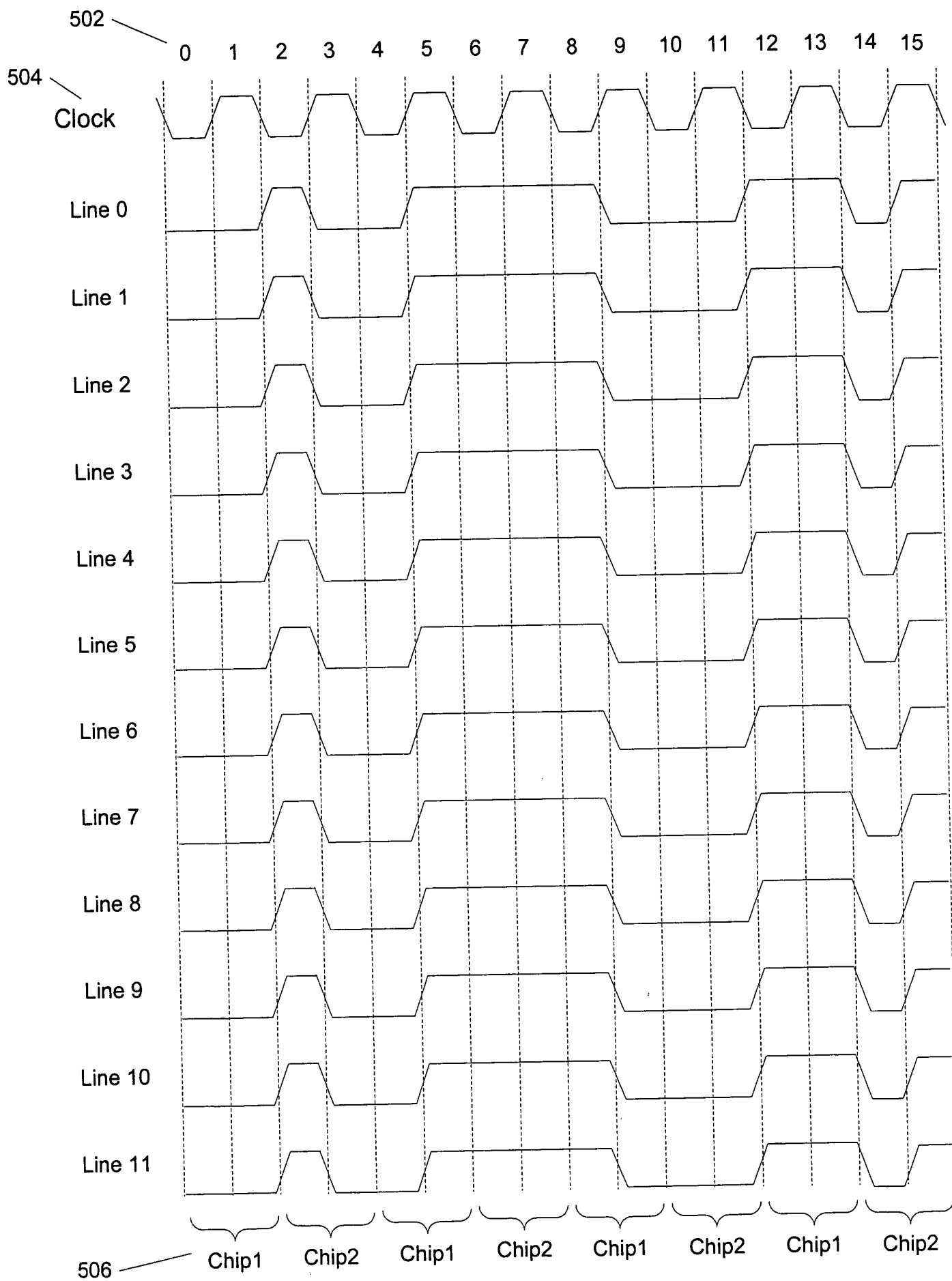


Fig. 5

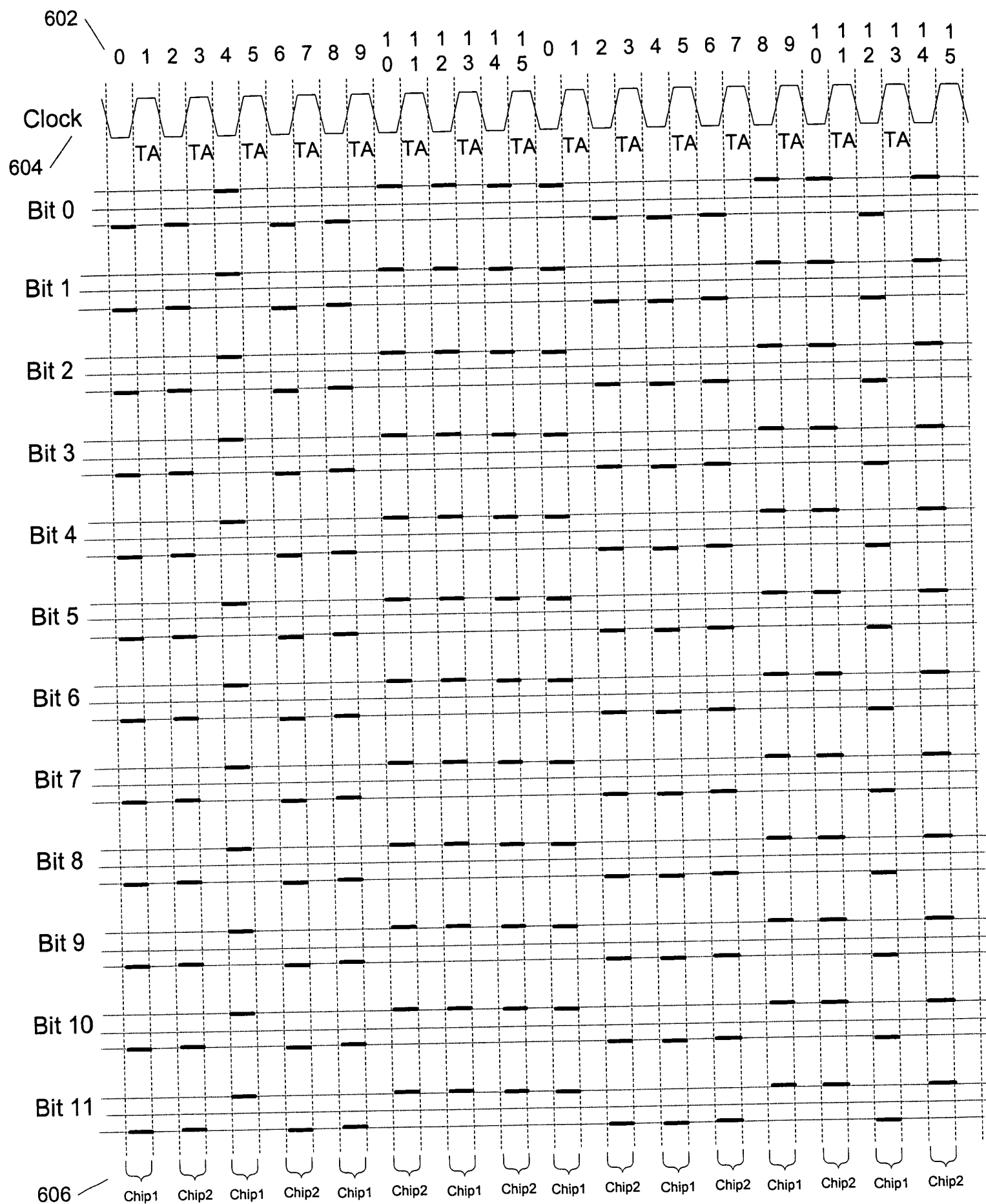


Fig. 6

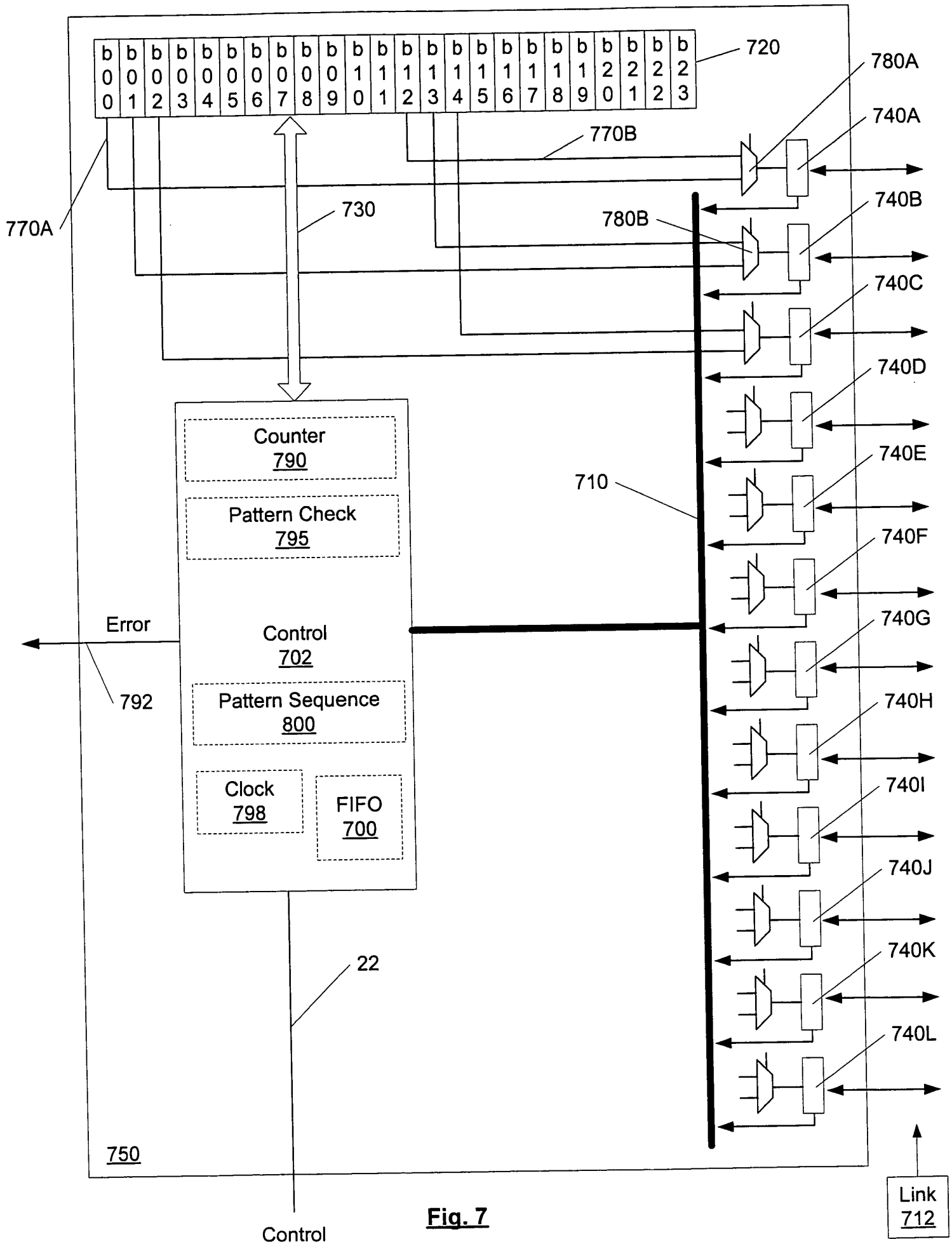


Fig. 7